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P. Nicolau, R. Manaila, P. Pausescu, 12pp
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ATS-53R79RU

Sci - Phy
June 67

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Gels by Means of Radioactive Isotopes, by
P. Kelemen, et al,
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ATS RU-4708

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Jul 67

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On the Formation and Thermal Decomposition
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SLA TT-66-10268

Sci-Chem
Aug 66

309,196

On the Formation and Thermal Decomposition
of Apatite. V. Reaction of Thermal Decom-
position of Apatite with Sodium Carbonate
and its Kinetic, by C. Liteanu, D. Macarovici.
FRENCH, per, Academia Republicii Populare
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SLA TT-66-10269

Sci-Chem
Aug 66

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Vol 14, No 1, 1963, pp 103-110.
SLA TT-66-10270

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Aug 66

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Chemie, Vol 14, No 1, 1963, pp 111-124.
SLA TT- 66-10279

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Am Math Soc
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Oct 67

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The Theory of Metallurgical Processes: A Study
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Sci - Meta
June 67

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Jul 70

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Feb 73

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Sci - Chem, *phys*

Feb 59

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70-13477-06R

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MASSIVE DOSES OF GAMMA RAYS ON RATS. Academie
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Service Charge.

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ON THE BORIDES OF MOLYBDENUM AND TUNGSTEN:
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Order from NTC as 70-13478-078: HC \$ 6.70, MP \$ 5.80.

On the Taxonomy of Actinomyces of the
Lavendulae Group, by A. G. Kuchayeva.
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iques, Vol 13, 1961, pp 102-124.
*CFSTI TT 70-57128

Sci-BG31
Mar 70

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DEMONSTRATION OF DIFFERENT DEGREES OF
MALIGNANCY IN MOUSE CELLULAR STRAINSASSOCIATED WITH CHICKEN EMBRYONIC ORGAN
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The Effect of Pyramidone on the Plant Cells, by
E. Gaumann, 7 pp.

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11 Jan 1954, pp 188-191.

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Sci - Agriculture
Apr 57

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23070

15 May 68

Radioelectricity-Reflection of an Electromagnetic
Wave by a Layer of Atmosphere Presenting a
Variation of the Refraction Index by Francois de
Castel, Pierre Moun,

French, *Audience des Sciences*, par, (unknown issue)
24 March 58, pp 1834-1840 (partial)

FW/Sci-

Special Type "B": Translator: draft plus one
T.D. 27 May 68

yy- do not mutilate,

No W-1143-(140)

Academie des Sciences de L'ures Comite de L'Annee
Geophysique Internationale, Annee Geophysique
Internationale, Bulletin D'Information,
(Abstracts)

FRENCH, per, above source, No 7, 1959, pp 42, 48,
70, 74,

*JPRS for NASA

Sci - Geophys

Aug 60

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Aug 63

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(DC-6191)

Symposium of the I.B.A.D., by Ivan Hasslocher,
3 pp.

PORTUGUESE, per, Acao Democratica, Vol III,
No 25, Jan 1961, pp 4, 5.

JPRS 8836

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Coutinho, 6 pp.

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PORTUGUESE, per, Acao Democratica, Vol III,
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JPRS 8836

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Separation of the Binary Mixture He-H₂ by Thermal
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Studii si Cercetari de Fizica, Vol XII, No 4, 1961,
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Sci-Phys
Nov 64

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(DC-6191)

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Sep 61

A Study of the Sexual Characteristics of the
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pp 56-85.

NIH 4-84-63
(Loan Only)

Sci

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Inghillieri, G.

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(Azione dell'Anilina sui Sali di Uranio. Nota IIa). 16p
(foreign text included). DTC-9.
Order from OTS, ETC or DTC \$0.85 63-26957

Unedited draft trans. of R. Accademia dei Fisiocritici.
Atti (Italy) 1911, ser. 5, v. 3, p. 155-161.

DESCRIPTORS: *Aniline, *Uranium compounds, Salts.

(Chemistry--Organic, TT, v. 10, no. 10)

63-26957

- I. Inghillieri, G.
- II. DTC-9
- III. Danish Translations
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Office of Technical Services

The Bromine and Chlorine Content of Vegetable
Foods, by I. Bellucci, R. de. Gori, 13pp
ITALIAN, per, Accademia dei Fisiocritici,
Siena, Sezione Agraria Atti, Vol 11, 1948,
No 3/4, pp 49-58
SIA TT-61-20298

Sci - ~~KK~~ Food Hand & packaging
Equip
June 67

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Barni, Mauro.
DEATH FROM ACUTE CORONARY INSUFFICIENCY
IN CHRONIC NITROGLYCOL POISONING. Jan 64,
3050 words
Order from LSA \$30.75

Trans. of Accademia dei Fisiocritici, Siena.
Sezione Medico-Fisica. Ann (Italy) 1957
[ser. 13] v. 4, p. 221-230.

(Biological Sciences--Pathology. TT, v. 11, no. 11)

TT-64-12316

- I. Barni, M.
- II. Literature Service,
Associates, Bound Brook,
N. J.

Office of Technical Services

Theory of Electrolyzers with Diaphragm, by
Francesco Giordani, 84pp

~~ERR~~

ITALIAN, per, Accademia d'Italia, Classe di
Science Fisiche, Matematiche e Naturali,
Memorie, Vol 1, 1930, No 6, pp 1-78
SLA TT-64-16711

Sci - Chem
June 67

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Transformations of the Nitroso Pyrroles, by
Francesco Angelico, 9 p.

ITALIAN, per, Accademia dei Lincei,][Classe di
Scienze Fisiche, Matematiche e Naturali, Memorie]
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SLA 60-10070

Sci

Apr 60

Vol III, No 3

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Some Derivatives of Pyrrole, by A. Angeli , /
F. Angelico, E. Calvello, 4 p.

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Fisiche, Matematiche e Naturali, Memorie, 1902,
Vol. XI, Ser 5, pp 16-17.

SLA 60-10071

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ITALIAN, per. Accad. Lincei Atti, Vol XIII, 18 Jan
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SLA 58-126

Sci

Aug 59

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pp 324-331.

DSIR/31834/CT

Sci - Chem
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Clinical and Radiological Findings in the
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A. Foltrani, 8 pp.

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MMH

Scientific - Medicine

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Annals, per. Acad Med. Vol. 100, 1954, pp 103-104.
Navy/AFMS

101-10/10
101-10/10

Considerations of the Possible Pharma-
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No 2, 1955, pp 204-212.
WH-12-13-64

Sci/104
Sep 65

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Bertelli, A., Mortari, A., and Sioli, G.
CYCLOPENTHAZIDE FACILITATION OF EXPERI-
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Sperimentale da CaCl_2 nel Ratto). [Jan 64] Sp 8 refs
Order from SLA \$1.10

TT-64-14621

Trans. of Accad[emia] Med[ica] Lombarda. Atti (Italy)
1961, v. 16, p. 257-260.

(Biological Sciences--Pharmacology, TT, v. 11, no. 11)

TT-64-14621

I. Bertelli, A.
II. Mortari, A.
III. Sioli, G.

Office of Technical Services

Menozzi, A. and Appiani, G.
CERTAIN GLUTAMIC ACID DERIVATIVES: PYRO-
GLUTAMIC ACIDS AND ACTIVE PYROGLUTAMIDES.
[1963] 5p.

Order from SLA \$1.10

63-16083

Partial trans. of [Accademia Nazionale dei Lincei,
Classe di Scienze Fisiche, Matematiche e Naturali].
Rendiconti (Italy) 1893 [ser. 5] v. 2, p. 415-423.

DESCRIPTORS: *Glutamic acid, *Amides, Esters,
Chemical reactions.

(Chemistry--Organic, TT, v. 10, no. 11)

63-16088

I. Menozzi, A.
II. Appiani, G.
III. Title: Pyroglutamic . . .

Office of Technical Services

The Genus Nubecularia de France, by A. Silvestri,
8 pp.

ITALIAN, per, Accademia Nazionale dei Lincei,
Atti, Vol L, 1897, pp 29-36.

ATS-93K221

Sci
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Apr 61

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Electromagnetic Effect of Metal Ions Deflected
From the Normal Path Owing to a XXXX Magnetic
Field, by O. Corbino.

ITALIAN, per, Accademia Nazionale Dei Lincei
Atti, Vol XX, No 5, 1911, pp 342-344.

CSIRO/No 6144

Sci-Phys
Jul 63

Organo-Aromatic Derivatives of Boron, by E.
Pace,

ITALIAN, per, Accademia Nazionale dei Lincei.
Atti. Classe di Scienze Fisiche, Matematiche,
e Naturali. Memorie, 1929, pp 193-196.

ERDL, Ft Belvoir
T-1073

Sci
Jun 61

158, 033

A New Method for Determining Second Order
Transition Temperatures of High Polymers, by
Enzo Ferroni.

ITALIAN, per, Accad Nazionale dei Lincei,
Vol. XLVI, 1961, pp 71-76.

CTS(Chen)-113

Sci

25 May 62

Vol. IV, No 8

Oliveri-Mandala, E.
EFFECT OF HYDRAZOIC ACID ON METHYL CARBYLAMINE. SYNTHESIS OF TETRAZOLE HOMOLOGS.
[1963] [Sp] 3 refs
Order from SLA \$1.10

63-18949

Trans. of Accademia Nazionale dei Lincei. [Classe di Scienze Fisiche, Matematiche e Naturali. Rendiconti] (Italy) 1910, ser. 5, v. 19, no. 1, p. 228-231.

DESCRIPTORS: *Azoles, Synthesis (Chemistry),
*Nitriles, Methyl radicals, Hydrogen compounds
*Azides

(Chemistry--Organic, TT, v. 10, no. 11)

63-18949

1. Title: Methyl carbylamine
2. Title: Tetrazoles
1. Oliveri-Mandala, E.

Office of Technical Services

Cambi, Livio.
SILICON MONOSULFIDE, NOTE I. [1961] 13p.
12 refs.
Order from SLA \$1.60

61-20511

Trans. of Accademia Nazionale dei Lincei. [Classe
de Scienze Fisiche, Matematiche e Naturali].
Rendiconti (Italy) 1910 [ser. 5] v. 19, no. 2,
p. 294-300.

DESCRIPTORS: Silicon compounds, Sulfides.

(Unannounced)

61-20511

L. Cambi, L.

Office of Technical Services

Electromagnetic Effect of Metal Ions Deflected
From the Normal Path Owing to a ~~VERY~~ Magnetic
Field, by O. Corbino.

ITALIAN, per, Accademia Nazionale Dei Lincei
Atti, Vol XX, No 5, 1911, pp 342-344.

CSIRO/No 6144

Sci-Phys
Jun 63

234,603

Silicon Sulfides, Note 2, by Livio Cambi,
12 pp.

ITALIAN, per, Accademia Nazionale dei Lincei,
Atti Classe di Scienze Fisiche, Matematiche e
Naturali, Rendiconti, 1911, Vol 20, pp 433-440.
SLA TT 64-16712

Jul 66

305,454

Sandonnini, G.
THE LEAD OXYHALIDES. 2 Apr 47 [8]p. (figs.
omitted) 12 refs.
Order from SLA \$1.10

63-14308

Trans. of Accad[emia Nazionale dei] Lincei. [Classe di
Scienze Fisiche, Matematiche e Naturali. Rendiconti]
(Italy) 1914, ser. 5, v. 23, p. 959-968.

DESCRIPTORS: *Lead compounds, *Oxyhalides,
Fused materials, *Oxides, Crystallization, Physical
properties, High-temperature research.

(Chemistry--Inorganic, T1, v. 10, no. 4)

63-14308

I. Sandonnini, G.

Office of Technical Services

NBS 10-17 R-7953-D
3 Feb 67

Una misura del rapporto h/k per mezzo della
dispersione anomala del tallio

By: Fermi, E. and Rasetti, F.

From: Acad. Naz. Linc. Rendiconti Vol. 5, 1927

566-570

(5 pp)

Italian - est for wds:

Please translate and type 1 original copy. Do not
cut or paste-up. Do not mutilate document.

Organo-Aromatic Derivatives of Boron, by B.
Pace,

ITALIAN, per, Accademia Nazionale dei Lincei.
Atti. Classe di Scienze Fisiche, Matematiche,
e Naturali. Memorie, 1929, pp 193-196.

ERDL, Ft Belvoir
T-1073

Sci
Jun 61

158, 033

Bernardini, L.
NICOTINE IN TOBACCO. [1962] 8p.
Order from K-H \$10.00 K-H 392--a

Trans. of Accademia Nazionale dei Lincei. [Classe
di Scienze Fisiche, Matematiche e Naturali. Rendic-
conti] (Italy) 1920 [ser. 5] v. 29, p. 62-66.

DESCRIPTORS: *Nicotine, Tobacco.

(Biological Sciences--Biochemistry, TT, v. 8, no. 5)

62-17811

- I. Bernardini, L.
- II. K-H-392--a
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Aromatic Organic Derivatives of Boron, by E.Pace.
ITALIAN, per, Accad Naz dei Lincei, Atti Classe
di Sci Fis Mat e Nat Rend, 1929, ser.6, vol.10,
pp. 193-196.
SLA-TT-64-20370

Chem
Aug 66

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Dithiocarbamates and Nitrosodithiocarbamates
of Iron, by L. Cambi, A. Cagnasso, 7 pp.
ITALIAN, per, Accad Naz dei Lincei, Atti
Classe di Scienze Fisiche, Matematiche e
Naturali, Rendiconti, 1931, ser 6, Vol 13,
pp 809-813.
SLA TT 64-16714

Jul 66

305,471

Baroni, A.
THE OXYHALIDES OF LEAD. [1963] 12p. (figs.
omitted) 8 refs.
Order from SLA \$1.60
Trans. of Accademia Nazionale dei Lincei [Rome].
Classe di Scienze, Fisiche, Matematiche e Naturali.
Rendiconti (Italy) 1934, ser. 6, v. 20, p. 384-390.

DESCRIPTORS: *Lead compounds, *Oxyhalides,
*Crystal structure, Colors, Chlorides, Iodides,
Bromides

(Chemistry--Inorganic, TT, v. 10, no. 11)

63-16022

I. Baroni, A.

Office of Technical Services

Examination of Some Vinyl Polymers With Electron
Rays, by G. Natta, R. Rigamonti, 12 pp.

ITALIAN, Per, Acced Lincei. Classe Sci Fiz Mat Nat,
1936, Vol XXIV, pp 561-588.

SLA 59-10813

Sci
Oct 59
Vol 2, No 3

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Functional Disorders of the Respiration
in Malaria, by G. Meldolesi.
ITALIAN, per, Accademia Medica, Roma.
Bollettino ed Atti, Vol 57, 1931,
pp 310-316
NTC 72-12084-06E

June 72

Characterizing Irreducible Representations in
Connection with the Semi-Simple Groups of L I E, by
Giulio Racah, 8pp
ITALIAN, per, Accademia Nazionale de Lincei, Atti.
Classe de Scienze Fisiche Matematiche e Naturali,
Rendiconti, Vol 8, 1950, No 2, pp 108-112
SLA TT-64-18590

Sci - Mat
June 67

327,514

Giacomello, G.
ON THE CONSTITUTION OF SULFUR MONOCHLO-
RIDE AND ON THE DERIVATIVES OF THE HYPO-
THETICAL ACID $(S-OH)_2$. [1960] 9p. 17 refs.
Order from SIA m\$1.80, ph\$1.80 60-16848

Trans. of Accademia Nazionale dei Lincei [Rome.
Classe di Scienze, Fisiche, Matematiche e Naturali
Rendiconti] (Italy) 1935, ser. 6, v. 21, p. 36-42.

142,781

60-16848

1 Sulfur chlorides - Synthetic
1 Giacomello, G

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Natta, G. and Rigamonti, R.
ELECTRONIC RAY EXAMINATION OF SOME
VINYL POLYMERS [Esame coi Raggi di Elettroni di
Alcuni Polimeri Vinilici]. [1963] 8p. (figs. omitted)
6 refs.

Order from SLA \$1.10

63-14122

Trans. of [Accademia Nazionale dei Lincei. Classe
di Scienze Fisiche, Matematiche e Naturali].
Rendiconti (Italy) 1936 [ser. 6] v. 24, p. 381-388.
Another trans. is available from SLA at \$1.80,
pb \$1.80 as 61-10453 [1960] [10]p.

DESCRIPTORS: *Vinyl radicals, Polymers, *Vinyl
plastics, Molecular electronics, Electron beams.

An examination is made of the interferences produced
in electron rays by thin laminae (thickness 10^{-5} cm)
of some linear vinyl polymers: polyvinyl bromide,
(Materials--Plastics, TT. v. 10, no. 3) (over)

62-14122

- I. Natta, G.
- II. Rigamonti, R.

Office of Technical Services

The Operation of a Proton Tube, by T. Franzini,
8 pp. UNCLASSIFIED

ITALIAN, per, Accademia Nazionale dei Lincei,
Rendiconti, No 27, 20 Mar 1938, pp 292-297.

Amer Meteor Soc For
Geophys Res Dir ASTIA

Sci - Physics
May 58

63,118

R-3991-D

The Bacteriological Metabolism of Glycerol and Its
Derivatives, by E. Bonetti, M. Aloisi.

ITALIAN, per, Accademia dei Lincei, di Scienze
Fisiche, Matematiche e Naturali, Memorie, Vol II,
1947, pp 701-706.

*JPRS/Army Biol Lab

Sci-Biol & Med Sci
April 64

On the Electromagnetic Field in a Half-Space, by
Luigi Caprioli, 5 pp.

ITALIAN, per, Accademia Nazionale dei Lincei, Rome.
Classe di scienze fisiche, matematiche e naturali.
Rendiconti, Vol VII, 1949, pp 103-106.

34,405

S.L.A. No 183/1956

Scientific - Physics

Derivation by Statistical Mechanics of the Law
of Dependence of the Solids on Temperature, by
Piero G. Bordini.

ITALIAN, per, Accademia Nazionale dei Lincei.
Classe di Scienze, Fisiche, Matematiche e Naturali
Rendiconti, No 6, 1950, pp 597-602.

*AEC-UCRL

Sci - Phys

Jun 63

On Fluorescence Excited by Alpha Particles in
Solutions, by Mario Agano, Euggero Querzoli, 4 p.

ITALIAN, per, Accademia Nazionale dei Lincei,
[Classe di Scienze Fisiche, Matematiche e Naturali,
Rendiconti] 1951, Ser 8, Vol XI, No 5,
pp 265-267.

SLA 59-17961

Sci
Mar 60
Vol 2, No 11

109,538

Quilico, A., Cardani, C., and Piozzi, F.
THE STRUCTURE OF ECHINULIN (Sulla Struttura
dell'Echinulina) tr. by D. A. Sinclair. 1963, 9p.
6 refs. NRCC Technical Trans. 1077.
Order from NRCC \$0.50 NRCC C-4459

Trans. of Accademia Nazionale dei Lincei. Classe
[di Scienze Fisiche, Matematiche e Naturali].
Rendiconti (Italy) 1954 [ser. 8] v. 17, p. 315-322.

DESCRIPTORS: *Fungi, *Biological products,
*Molecular structure, Determination, Chemical bonds.

(Biological Sciences--Biochemistry, TT, v. 10, no. 6)

63-17857

- I. Title: Echinulin
- I. Quilico, A.
- II. Cardani, C.
- III. Piozzi, F.
- IV. NRCC TT-1077
- V. NRCC C-4459
- VI. National Research
Council of Canada

Office of Technical Services

A New Class of Polymers of α -Olefin with
Exceptional Regularity of Structure, by
G. Natta, 20 pp.

ITALIAN, per, Accademia Nazionale dei Lincei.
Atti. Memorie di Scienze Fisiche, Serie 8,
Vol IV, No 4, 1955, pp 61-71.

SLA 61-17641

204, 191

Sol
21 Jul 62
Vol VII, No 10

The Crystal Structure of a New Type of Polypropylene, by G. Natta, P. Corradini, 18 pp.

ITALIAN, per, Accademia Nazionale dei Lincei.
Atti. Memorie de Scienze Fisiche, Serie 8,
Vol. IV, Ser II, No 3, 1955, pp 73-80.

SLA 61-17647

Sci.
24 Jul 62
Vol. VII, No 30

204, 189

Natta, G., and Corradini, P.
THE CRYSTAL STRUCTURE OF ISOTACTIC POLY-
STYRENE. 13p. 6 refs. MTWL: 851.
Order from OTS or ETE: \$1.55

61-17359

Trans. of Accademia Nazionale dei Lincei. Atti. Clas-
se di Scienze Fisiche, Matematiche e Naturali.
Rendicam (Italy) 1955. ser. 8, v. 18, p. 19-27.

DESCRIPTORS: *Styrenes. Polymers. *Crystal
structure, X-Ray diffraction analysis.

61-17359

- I. Natta, G.
- II. Corradini, P.
- III. MTWL-851
- IV. Stichting Mobilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Natta, G. and Corradini, P.
CRYSTALLINE BUTADIENE POLYMERS AND STRUCTURE OF 1-2-POLYBUTADIENE. 17p. MTWL: 867.
Order from OTS or ETC \$1.85 61-17644

Trans. of Accademia Nazionale dei Lincei. Atti.
Rendiconti di Classe di Scienze Fisiche, Matematiche
e Naturali (Italy) 1955, ser. 8, v. 19, p. 229-237.

DESCRIPTORS: Butadienes, Polymers, Crystals,
Structure.

61-17644

- I. Natta, G.
- II. Corradini, P.
- III. MTWL-867
- IV. Stichting Moelijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

60-18499

Natta, Giulio, Pino, Piero and others.
SYNTHESES AND PROPERTIES OF CRYSTALLINE
HIGH POLYMERS OF SOME ALPHA-OLEFINS WITH
A BRANCHED CHAIN. [1960] 10p. 9 refs.
Order from SLA m\$1.80, ph\$1.80 60-18499

Trans. of Accademia Nazionale dei Lincei. Classe
[di] Scienze Fisiche Matematiche e Naturali.
Rendiconti (Italy) 1955, v. 19, p. 397-403.

- I. Propenes--Synthesis
- I. Natta, G.
- II. Pino, P.

143,024

OTS-TF-64-16768

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 3)

Natta, G., Corradini, P., and Bassi, I. W.
 CRYSTALLINE STRUCTURE OF SOME ISOTACTIC
 POLY- α -OLEFINS. 14p. 6 refs. MTWL: 855/1.
 Order from OTS or ETC \$1.85 61-17343
 Trans. of Accademia Nazionale dei Lincei, Nat.
 Classe di Scienze Fisiche, Matematiche e Naturali.
 Rendiconti (Italy). 1955, ser. 8, v. 19, p. 404-411.

DESCRIPTORS: *Polymers; *Ethylene, Crystal
 structure, X-Ray diffraction analysis.

K-H-5408-b(13pp) #13.00
 OTS-TT-64-16769

61-17348

- I. Natta, G.
- II. Corradini, P.
- III. Bassi, I. W.
- IV. MTWL-855/1
- V. Stichting *Leilijk
 Toegankelijke Wetenschap
 pelijke Literatuur

Office of Technical Services

Natta, G.
THE GEOMETRICAL FORM OF THE HELICAL
CHAINS OF CRYSTALLINE ISOTACTIC POLYMERS.
13p. 6 refs. MWL-853
Order from OTS or ETC \$1.85 61-17345

Trans. of Accademia Nazionale dei Lincei, Atti.
Classe di Scienze Fisiche, Matematiche e Naturali.
Rendiconti (Italy) 1955, ser. 8, v. 10, p. 153-159.

DESCRIPTORS: *Polymers, Crystals, *Molecular
structure, Geometry.

OTS - TT-64-16757

61-17346

- I. Natta, G.
- II. MWL-853
- III. Stichting Moedijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Structure of the Chain of Crystalline Poly
(SMA Propylene Oxide), by G. Battu, 11 pp.

ITALIAN, per, Accademia Nazionale dei Lincei.
Atti. Classe di Scienze Fisiche, Matematiche e
~~Scienze Mediche~~. Serial N. 8, Vol. XI, 1976,
pp 408-413.

SIA 61-17646

204, 792

801
24 Jul 62
Vol VII, No 10

Natta, G., Corradini, P., and Porri, L.
THE STRUCTURE OF NEW POLYMERS OF CONJUGATE
DIOLIFINS CONTAINING 1-4 TRANS LINKAGES.
12p. MTWL: 872.
Order from OTS or ETC \$1.85

61-17636

Trans. of Accademia Nazionale dei Lincei, Atti.
Classe di Scienze Fisiche e Matematiche. Rendiconti.
(Italy) 1956; Ser. 8, v. 20, p. 728-734.

DESCRIPTORS: *Polymers, *Butadienes, *Isoprene,
X-ray diffraction analysis, Structures.

61-17636

- I. Natta, G.
- II. Corradini, P.
- III. Porri, L.
- IV. MTWL-872
- V. Stichting Moelijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Crystalline Structure of Isotactic Polypropylene,
by Giulio Natta, Paolo Corradini, Marco Cesari,
10 p.

ITALIAN, per, Acad Nazionale Lincei, Classe di Sci
Fi Mat e Nat Rend, 1956, Vol XXI, No 5, pp 365-372.

BIA 59-15931

Sci
Jan 60
Vol 2, No 6

103,745

Crystalline Polymer of Butadiene With 1-2
Isotactic Linkage, by G. Natta, L. Porri,
P. Corradini, et al.

ITALIAN, per, Accademia Nazionale dei Lincei,
Rome. Classe di Scienze Fisiche Matematiche
e Naturali, Rendiconti, Vol XX, 1956,
pp 560-566.

CSIRO

193,724

Sci - Chem
Apr 62

62-17316

Natta, G., Corradini, P., and Bassi, I. W.
THE CRYSTALLINE STRUCTURE OF ISOTACTIC
1,2-POLYBUTADIENE. [1962] 7p.
Order from ATS \$6.95 ATS-03P601

Trans. of Accademia Nazionale dei Lincei, Classe
[di Scienze Fisiche, Matematiche e Naturali].
Rendiconti (Italy) 1957 [ser. 8] v. 23, no. 6,
p. 363-370.

DESCRIPTORS: *Polymers, *Butadienes, Crystal
structure.

(Chemistry--Organic, TT, v. 8, no. 4)

- I. Natta, G.
- II. Corradini, P.
- III. Bassi, I. W.
- IV. ATS-03P601
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Kinetic Treatment of the Formation of Stereoblock
Polymers, by Giulio Natta, 15 pp.

ITALIAN, Per, Accad Lincei. Classe Sci Fiz Mat Nat, Rend,
1958, Vol XXIV, No 3, pp 246-255.

SLA 59-10809

Sci
Oct 59
Vol 2, No 3

99,892

Stereospecific Polymerization of Acetylene, by G.
Natta, G. Mazzanti, P. Corradini, 15 pp.

ITALIAN, per, Accad Naz Lincei Classe di Sci Fiz,
Mat e Nat Rend, Ser 8, Vol XXV, No 1/2, 1958,
pp 3-12.

SLA 59-15708

Sci
Dec 59
Vol 2, No 5

103,591

Crystalline Structure of Metalorganic Complexes
Containing Aluminum and Titanium, by Paolo Corradini,
Ivano Walter Bassi, 10 pp.

ITALIAN, per, Accad Nazionale Lincei Classe Sci
Fiz Mat e Mat Rendiconti, Ser 8, Vol XXIV, No 1,
1950, pp 43-49.

SIA 59-10834

Sci
Nov 59
Vol 2, No 3

101,547

Structure of Linear Low Molecular Weight Polymers
of Acetylene, by Erminio Lombardi, Indigi Claffi, S.,
9 pp.

ITALIAN, per, Accademia Nazionale dei Lincei.
Classe di Scienze Fisiche, Matematiche e Naturali.
Rendiconti, Vol XXV, No 1-2, Ser 3, 1953, pp 70-74.

SLA 59-27035

Sai
Jan 60
Vol 2, No 7

104,832

Isophase Transitions of Polymers of α -Olefines of
the Normal Aliphatic Series, by Giulio Natta,
Ferdinando Danusso, Giovanni Moraglio, 11 pp.

ITALIAN, per, Accademia Nazionale dei Lincei. Classe
di Scienze Fisiche Matematiche e Naturali Rendiconti,
Vol XXIV, ser 8, 1958, pp 254-260.

SLA 59-15001

Sci - Chemistry
Nov 59

103,285

Cardani, C. and others.
THE STRUCTURE OF ECHINULIN (Sulla Struttura
dell'Echinulina)
D. A. Sinclair, tr. 1963, 7p 2refs NROC Technical
Trans. 1075.
Order from NROC \$0.50 NRCC-C-4413

Trans. of Accad[em]ia Naz[ionale dei] Lincei. Classe
[di] Sci[en]ze Fis[iche], Mat[ematiche] e Nat[urali].
Rend[iconti] (Italy) 1958 [ser. 8] v. 24, p. 488-493.

DESCRIPTORS: Biological products, Chemical
analysis, Molecular structure.

(Biological Sciences--Biochemistry, TT, v. 11, no. 5)

TT-64-12029

- I. Title: Echinulin
- I. Cardani, C.
- II. NRCC-TT-1075
- III. NRCC-C-4413
- IV. National Research
Council of Canada

Office of Technical Services

On Spherical Vortices in Magnetohydrodynamics,
by C. Agostinelli,
ITALIAN, per, Accademia Nazionale dei Lincei,
Classe di Scienze Fisiche, Matematiche e
Naturali, Rendiconti, Vol XXIV, No 1, 1958,
pp 35-42.
*NASA

Sci-Phys
Sept 66

TT-64-16358

Cavalca, L., Marini, U., and Novi, G.
POTENTIATION OF THE PRESSOR ACTION OF 1-NORE
PINEPHRINE BY GUANETHIDINE (Potenziamento dell'
Azione Pressoria della 1-Noradrenalina Mediante Guan-
etidina). 11p 15 refs.
Order from SLA \$1.60

TT-64-16358

Trans. of Accademia Medica Lombarda. Atti (Italy)
1962 [v. 17] p. 378-384.

I. Cavalca, L.
II. Marini, U.
III. Novi, G.

(Biological Sciences--Pharmacology, TT, v. 12, no. 4)

Office of Technical Services

Natta, Giulio, Giuffrè, Luigi, and Pasquon, Italo.
DETERMINATION OF METALS BOUND TO ISO-
TACTIC POLYPROPYLENE CHAINS. 7 June 60, 12p.
9 refs.
Order from SLA \$1.60

61-16791

Trans. of Accad[emia] Nazionale dei Lincei. [Classe
di Scienze Fisiche, Matematiche e Naturali. Rend-
conti] (Italy) 1958 [ser. 8] v. 25, no. 6, p. 417-423.

DESCRIPTORS: *Propenes, Polymers, *Metals, De-
termination, Polymerization, Molecular weight.

In the polymerization of isotactic polymeric propylene,
with the $\text{Al}(\text{C}_2\text{H}_5)_3$ -- TiCl_3 catalytic system, the
chain transfer process, the rate of which is a function
of the square root of the concentration of alkylalumi-
num, introduces $-\text{C}_2\text{H}_5$ terminal groups into the poly-
meric chains which remain, for the most part, bound
to aluminum. With the variation of the concentration of
alkylaluminum, a variation in the number of $-\text{C}_2\text{H}_5$
(Chemistry: Organic, TT, v. 6, no. 5) (over)

61-16791

- I. Title: Isotactic polymers
- I. Natta, G.
- II. Giuffrè, L.
- III. Pasquon, I.

180518

Office of Technical Services

TT-64-12044

Natta, Giulio, Farina, Mario, and Peraldo, Mario.
POLYMERS HAVING A DOUBLY ISOTACTIC
STRUCTURE. [Nov 63] 1800 words 5 refs
Order from CTS(Chem) \$7.20 CTS(Chem)-348
subsequent copies \$1.20/ea.

Trans. of [Accademia Nazionale dei Lincei, [Classe
di Scienze Fisiche, Matematiche e Naturali].
Rendiconti (Italy) 1958 [ser. 8] v. 25, p. 424-430.

DESCRIPTORS: *Polyethylene plastics, *Propenes,
Polymerization, Ziegler catalysts, *Stereochemistry,
Molecular structure.

- I. Natta, G.
- II. Farina, M.
- III. Peraldo, M.
- IV. CTS(Chem)-348
- V. Chemical Translating
Service, Palo Alto, Calif.

Office of Technical Services

(Materials-Plastics, TT, v. 11, no. 5)

Molecular Weight and Affinity of Interaction with
Solvents of Fractions of Atactic Polypropylene,
by Ferdinando D'Amico, Giovanni Margallo, Vincenzo
Giannella, 18 p.

ITALIAN, per, Accad Naz Lincei, [Classe di Scienze
Fisiche, Matematiche e Naturali], Rend , 1958,
Ser 8, Vol. XIV, No 6, pp 498-508.

SLA 59-20891

61-16777
110, 864

Sci
Mar 60
Vol 3, No 1

Danusso, Ferdinando and Moraglio, Giovanni.

RELATION BETWEEN INTRINSIC VISCOSITY AND
MOLECULAR WEIGHT OF ATACTIC POLYPROPYL-
ENE IN VARIOUS SOLVENTS. [1961] [14]p. 9 refs.

Order from SLA \$1.60

61-16790

Trans. of Accad[emia] Naz[ionale dei] Lincei. [Classe
di Scienze Fisiche, Matematiche e Naturali. Rendi-
conti] (Italy) 1958 [ser. 8] v. 25 [no. 6] p. [509]-516.

DESCRIPTORS: *Propenes, *Polymers, Viscosity,
Molecular weight, *Organic solvents, *Benzenes,
*Toluenes, *Cyclohexanes.

Viscometric measurements were made on dilute solu-
tions of fractions of atactic polypropylene of known
molecular weight, in cyclohexane, toluene, and benzene
at 30°C, and in isomyl acetate at 34°C. The relation
between intrinsic viscosity and molecular weight, which
was thus determined for each of the four solvents,
which are endowed with rather different solvent power,
(Chemistry--Organic, TT, v. 6, no. 5) (over)

61-16790

1. Title: Atactic polymers

I. Danusso, F.

II. Moraglio, G.

180517

Office of Technical Services

The Synthesis Energy of Polyacetylene. *Corradini*, 6 pp.

ITALIA, p. 1, Accademia Nazionale dei Lincei.
Classe di Scienze Fisiche Matematiche e Naturali.
Rendiconti, Vol. XXV, No. 6, Ser. 8, 1950. pp. 617-622.

SIA 35-17712

Sci
Jan 60
Vol 2, No 1

10/1/60

Enthalpy and Entropy of Fusion of Isotactic
Polypropylene by Ferdinando Danusso, Giovanni
Moraglio, Eduardo Flores, 13 p.

ITALIAN, per, Accad Naz dei Lincei, [Classe di
Scienze Fis., Matemat., e Naturali] Rend, 1958,
Vol XXV, No 6, pp 520-527.

SLA 59-20890

Sci
Mar 60
Vol 3, No 1

111,029

Mesomorphic Smectic Modification of Isotactic
Polypropylene, by Giulio Natta, Mario Peraldo,
Paolo Corradini, 7 p.

ITALIAN, per, Acc. Lincei Rend, 1959, Vol XVI,
No 1, pp 14-17

SLA 59-17937

TT-64-20720

109,262

Sci
Mar 60
Vol 2, No 12

62-12963

Natta, Giulio, Mazzanti, Giorgio and others.
A NEW CRYSTALLIZABLE ORGANOMETALLIC
COMPLEX CONTAINING TITANIUM AND ALUMINUM
AND ITS CATALYTIC PROPERTIES IN THE POLY-
MERIZATION OF OLEFINS. (1962) 5p. 5 refs.
Order from CTS(Chem) \$4.40 CTS(Chem)-260
Subsequent copies \$0.75/ea.

Trans. of Accademia Nazionale dei Lincei, Classe
di Scienze Fisiche, Matematiche e Naturali
Rendiconto (Italy) 1959, 19, 1, p. 26, Feb.
p. 157-158

DESCRIPTION: Organate compounds. *Inorganic
compound. *Complex compounds. Titanium.
Aluminum. Catalysts. Polymerization.
Crystallization.

Chemistry--Organic. TT. v. 6, no. 7

1 Natta, G.
2 Mazzanti, G.
3 CTS(Chem)-260
4 Chemical compounds
5 Ref. Acc. Nat. Acc. Italy

Natta, Giulio, Corradini, Paolo, and Allegra, Giuseppe.
 THE CRYSTALLINE STRUCTURE OF THE γ FORM OF TITANIUM TRICHLORIDE. [1961] 10p.
 (3 figs. 2 tables omitted).

Order from SLA ml\$1.80, ph\$1.80

61-14479

Trans. of Accademia Nazionale dei Lincei.
 Classe (di) Scienze Fisiche Matematiche e Naturali. Rendiconti (Italy) 1959, [ser. 8] v. 26, p. 155-163.

The γ form presents a remarkable structural analogie with the α form, which justifies the color (violet), the density and the closely analogous chemical behavior.

(Physics--Solid State, TT, v. 5, no. 12)

61-14479

I. Titanium chlorides--
 Crystal structure

- I. Natta, G.
- II. Corradini, P.
- III. Allegra, G.

151887

Office of Technical Services

62-10352

Piontelli, Roberto, Polta, Guido, and Rivolta, Bruno.
ELECTRODE BEHAVIOR OF TIN SINGLE-
CRYSTALS. [1961] 11p. 4 refs.
Order from SLA \$1.60

62-10352

Trans. of Accademia Nazionale dei Lincei. Classe
di Scienze Fisiche, Matematiche e Naturali.
Rendiconti (Italy) 1959, ser. 8, v. 26, no. 4,
p. 431-434.

DESCRIPTORS: *Single crystals, Metallic crystals,
*Tin, *Electrodes, Purification, Electrochemistry,
X-ray diffraction analysis.

- I. Title: Overvoltage
- I. Piontelli, R.
- II. Polta, G.
- III. Rivolta, B.

(Chemistry--Physical, TT, v. 7, no. 8)

Office of Technical Services

A New Method for Determining Second Order
Transition Temperatures of High Polymers, by
Enzo Ferroni.

ITALIAN, part, Accad Nazionale dei Lincei,
Vol XLVI, 1959, pp 774-776.

CRS(Chem)-113

Sci
26 May 62
Vol IV, No 8

198, 240

Natta, G. and Ruffini, R. and others.
 PROPERTIES AND STRUCTURE OF A NEW MECHANICAL
 CARBONYL POLYMER. J. POLYMER SCI. (1965)
 7p. (1965)
 Trans. of the American Chemical Society (1965)
 107-114

DESCRIPTION: This is a compound, 1,2-dichloro-
 compound, 1,2-dichloro compound, physical properties,
 chemical properties, molecular structure, Molecular
 weight.

(Chemistry - Organic, (1), 9, 1, 1, 1)

62-12764

I. Natta, G.
 II. CTS(Chem)-201
 III. Chemical Service
 Service, 1965

(Chemistry - Organic, (1), 9, 1, 1, 1)

62-10351

Piontelli, Roberto and Bicelli, Luisa Peraldo.
HYDROGEN OVERVOLTAGE ON TIN SINGLE-
CRYSTALS. [1951] 9p. 18 refs.

Order from SLA \$1.10

62-10351

- I. Title: Overvoltage
- I. Piontelli, R.
- II. Bicelli, L. P.

Trans. of [Accademia Nazionale dei Lincei]. Classe
di Scienze Fisiche, Matematiche e Naturali. Rendi-
conti (Italy) 1959, ser. 3, v. 27, no. 5 [p. 162-167].

DESCRIPTORS: *Single crystals, Metallic crystals,
Electrodes, *Tin, Ion exchange, Reaction kinetics,
Electrochemistry, *Hydrogen.

(Chemistry--Physical, TT, v. 7, no. 8)

Office of Technical Services

Moraglio, Giovanni and Gianotti, Giuseppe.
VISCOSIMETRIC AND CONFIGURATIONAL PROPERTIES OF ATACTIC POLYBUTYLENE. [1962] 7p.

5 refs.

Order from CTS(Chem) \$6.40 CTS(Chem)-264
subsequent copies \$1.10/ea

Trans. of [Accademia Nazionale dei] Lincei. [Classe di] Scienze Fisiche, Matematiche e Naturali. Rendiconti (Italy) 1959, ser. 8, v. 27, p. 274-280

DESCRIPTORS: *Polymers, *Butylene, Viscosity, Viscosimeters, Configuration, Molecular weight, Organic solvents

(Chemistry--Organic, TT, v. 8, no. 4)

62-12963

- I. Moraglio, G.
- II. Gianotti, G.
- III. CTS(Chem)-264
- IV. Chemical Translating Service, Palo Alto, Calif

Office of Technical Services

Pino, Piero, Giesen, Giorgio and others.
ACTION OF THE TETRACYCLINES ON THE COM-
PLEX OF DEHA AND CHLORAMPHENICOL. 1962. 6p. 5 refs.
Order from: WHO Geneva 18, 30. CTSO Chem- 36
subaquatic 20 Jan 63 10 Jan

Trattato di Arbitrato internazionale del 1923 (Parigi)
di Scialoja, E. (1923) "Rivista di diritto internazionale", n. 1, pag. 1-10
Rivista di diritto internazionale, n. 1, pag. 1-10

DESCRIPTION:	Airline	Complete company
Chemical reference:	LA	Boards weight

Case no. 10

62-2040

1. Pico, P.
2. Mazzanti, J.
3. CIG Chemicals
4. Chemical Engineering
5. Service, Pico, P. 200

Figure 1. The study area.